

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE REPLACEMENT OF THE EXISTING SIGNAL HEADS WITH THE PROPOSED LED SIGNAL HEADS AND THE ADDITION OF NEAR SIDE SIGNAL HEADS TO THE EXISTING INTERSECTION CONTROL BEACON (ICB) AT THE INTERSECTION OF MD 275 AND CRAIGTOWN ROAD IN CECIL COUNTY, MARYLAND. MD 275 IS CONSIDERED TO RUN IN A NORTH/SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION CONTROL BEACON WILL FLASH ON A 24 HOUR BASIS WITH MD 275 SIGNAL HEADS FLASHING YELLOW AND CRAIGTOWN ROAD SIGNAL HEADS FLASHING RED.

CONTACTS

DISTRICT

MR. RICHARD LINDSAY  
DISTRICT ENGINEER  
410 810-3210

MR. ROBERT KIEL  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
410 810-3240

MR. BARRY CLOTHIER  
ASSISTANT DISTRICT ENGINEER - UTILITIES  
410 810-3275

MR. WM NORRIS EMBERT  
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
410 810-3270

MR. TERRY O. WRIGHT  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
410 810-3250

OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.  
CHIEF, TRAFFIC OPERATIONS  
410-787-7630

MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS  
410-787-7630

MR. ED RODENHIZER  
CHIEF, SIGNAL OPERATIONS SECTION  
410-787-7650

MR. EUGENE BAILEY  
CHIEF SIGN OPERATIONS SECTION  
410-787-7670

MS. DARLENE EIDE  
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)  
410-787-7668

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

* ITEM NO./ CAT CODE	QUANTITY	DESCRIPTION
	NONE	

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

* ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8001	12 EA	12 INCH (R.Y.G) LED SIGNAL HEAD SECTION
8017	1 EA	REMOVE AND DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8058	20 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14AWG)

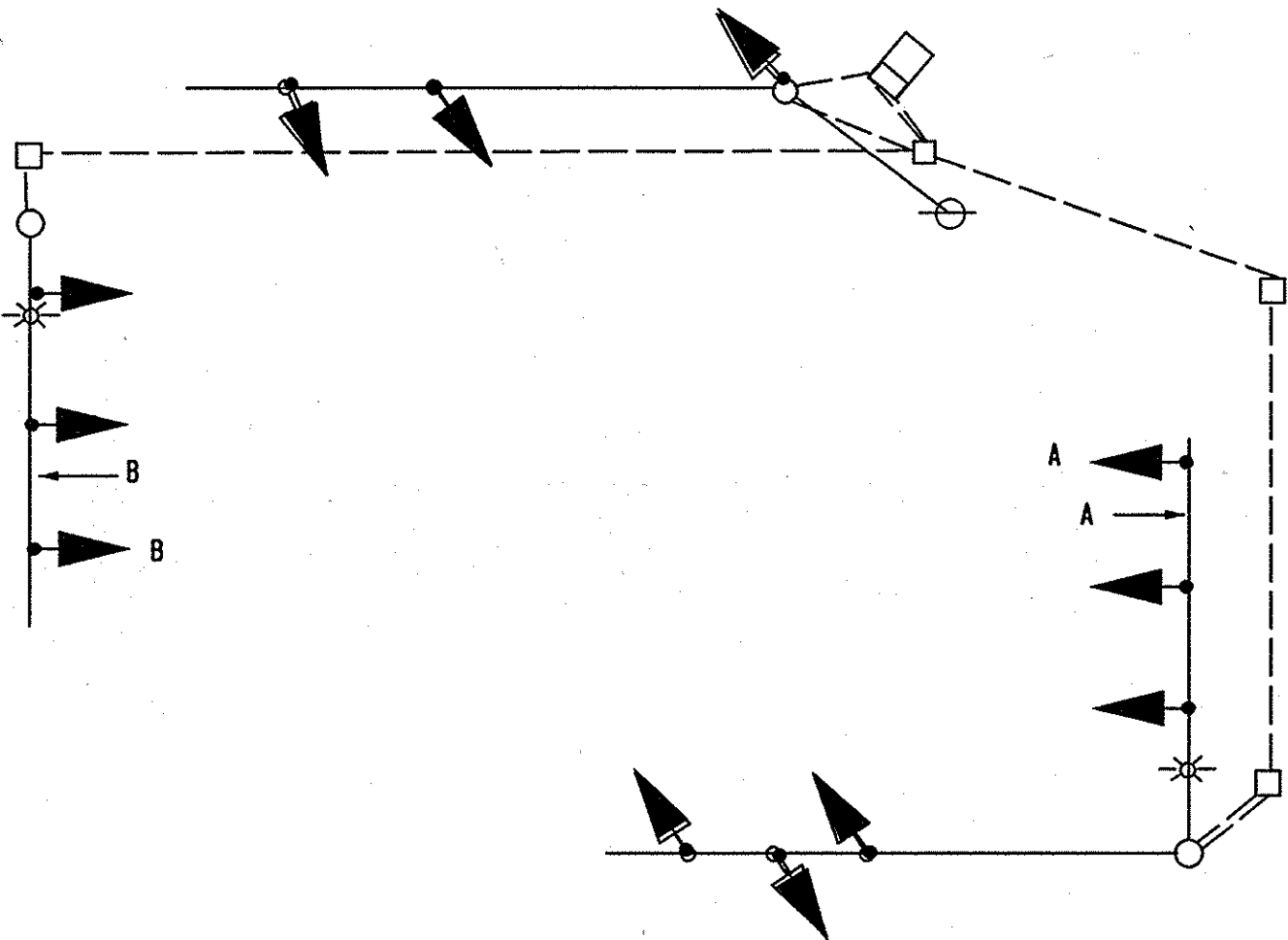
C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR

EQUIPMENT TO BE REMOVED BY THE CONTRACTOR

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12
	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

WIRING DIAGRAM



A } 5-CONDUCTOR ELECTRICAL  
B } CABLE (NO. 14 A.W.G.)

EF - EXISTING OVERHEAD ELECTRICAL  
SERVICE BY CONOWINGO ELECTRIC CO.

TOD NO: XX448-01  
SHA NO: CE348A51/B51  
MD 275 @ CRAIGTOWN RD

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 275 @ Craigtown Road

APPROVALS	REVISIONS	GENERAL INFORMATION	
TEAM LEADER	Q INSTALL NEAR SIDE SIGNAL HEADS UPGRADE TO LED XX4485185 03/31/2008	SCALE 1"=20'	ADVERTISED DATE Feb 25, 2008 CONTRACT NO. XX4485185
ASSIST. DIV. CHIEF	FJA	DESIGNED BY F. Anuszkowski	COUNTY CECIL
DIVISION CHIEF		DRAWN BY F. Anuszkowski	LOGMILE 07027501.67
OFFICE DIRECTOR		CHECKED BY	TIMS NO. 1812
		F.A.P. NO.	TOD NO.
		TS NO. 3821 A	DRAWING SG 1 OF 1 SHEET NO. 2 OF 2

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